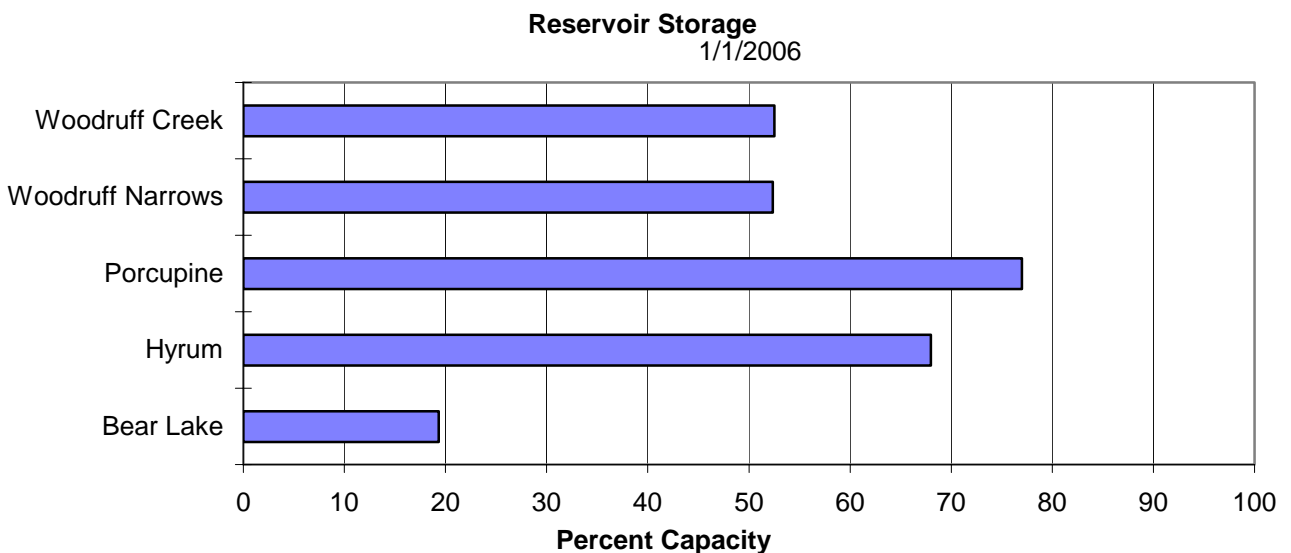
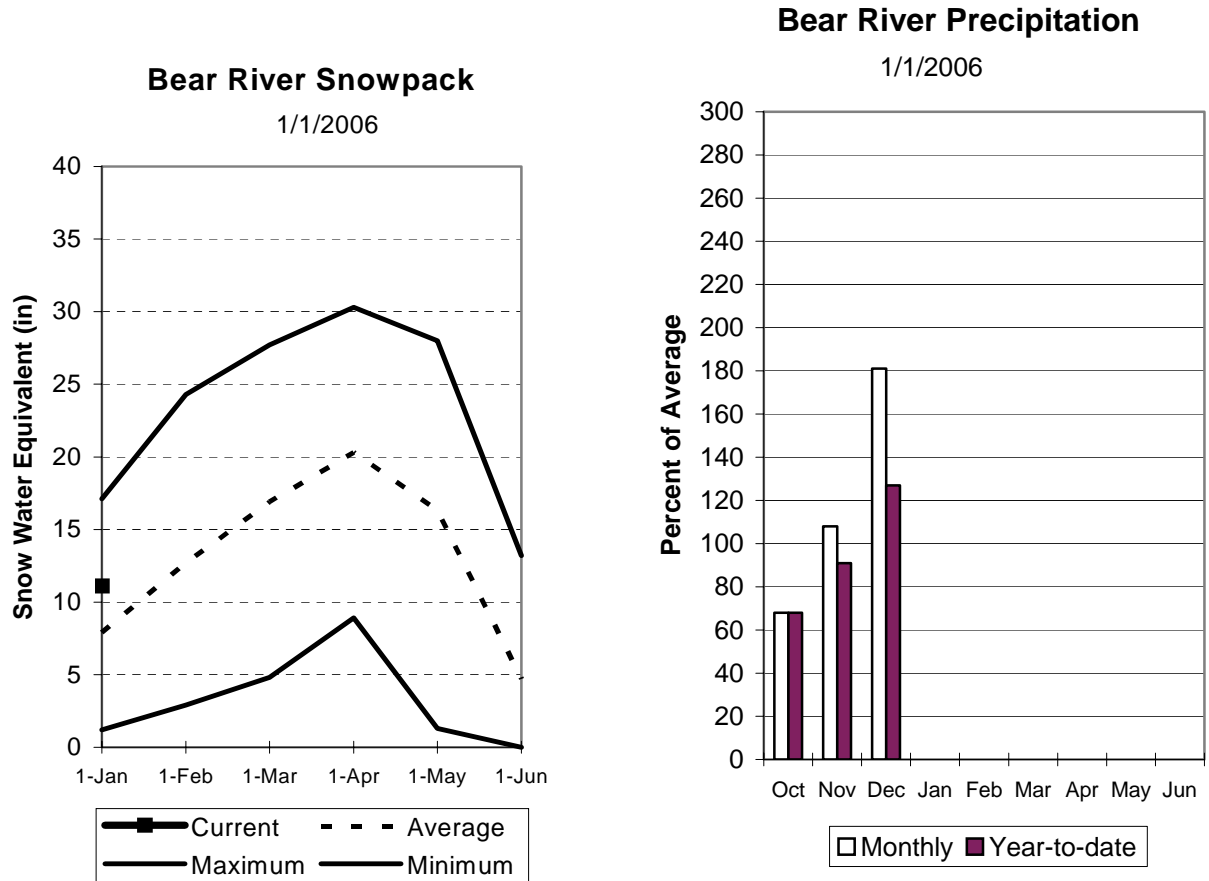


# Bear River Basin

Jan 1, 2006

Snowpacks on the Bear River Basin are much above average at 141% of normal, about 125% of last year. This is the best snowpack on the Bear since 1997! Specific sites range from 98% to 163% of normal. December precipitation was much above average at 181%, which brings the seasonal accumulation (Oct-Dec) to 127% of average. Soil moisture levels in runoff producing areas are at 55% of saturation in the upper 2 feet of soil compared to 64% last year. Forecast streamflows range from near to above average (98%-115%) volumes this spring. Reservoir storage is extremely low at 22% of capacity, 20% more than last year. The Surface Water Supply Index is at 21% for the Bear River, or 79% of years have had more total water available. Water supply conditions are much below normal due to low reservoir storage but improved significantly over last few years.



BEAR RIVER BASIN  
Streamflow Forecasts - January 1, 2006

		<===== Drier ===== Future Conditions ===== Wetter =====>						
Forecast Point	Forecast Period	Chance Of Exceeding *						30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Bear River nr UT-WY State Line	APR-JUL	85	108	124	110	140	163	113
Bear River ab Reservoir nr Woodruff	APR-JUL	88	125	150	110	175	210	136
Big Creek nr Randolph	APR-JUL	1.5	3.2	4.8	98	6.7	10.1	4.9
Smiths Fork nr Border	APR-JUL	83	105	120	117	135	157	103
Bear River at Stewart Dam	APR-JUL	153	216	265	113	319	408	234
Little Bear River at Paradise	APR-JUL	25	38	48	104	60	79	46
Logan R Abv State Dam Nr Logan	APR-JUL	83	113	136	108	161	202	126
Blacksmith Fk Abv Up&L Dam Nr Hyrum	APR-JUL	31	45	55	115	67	86	48

BEAR RIVER BASIN Reservoir Storage (1000 AF) - End of December					BEAR RIVER BASIN Watershed Snowpack Analysis - January 1, 2006			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BEAR LAKE	1302.0	251.8	0.0	---	BEAR RIVER, UPPER (abv Ha	5	112	139
HYRUM	15.3	10.4	7.3	10.2	BEAR RIVER, LOWER (blw Ha	8	132	142
PORCUPINE	11.3	8.7	6.5	3.9	LOGAN RIVER	4	126	144
WOODRUFF NARROWS	57.3	30.0	12.0	23.6	RAFT RIVER	1	173	174
WOODRUFF CREEK	4.0	2.1	1.5	---	BEAR RIVER BASIN	13	124	141

\* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.  
 (2) - The value is natural volume - actual volume may be affected by upstream water management.